

IN THE CLAIMS

Please replace all prior versions, and listings, of claims in the application with the following list of claims. Additions are indicated by underlining and deletions are indicated by strikeouts and/or double bracketing.

1. (Currently Amended) An avian pancreatic polypeptide of SEQ ID NO: 6, modified by substitution of ~~at least one~~ amino acid residue positions 20-34 of SEQ ID NO: 6, wherein the ~~modified avian pancreatic polypeptide comprises~~ substitution is an amino acid sequence selected from SEQ ID NOs: 23, 24, 25, 26, 27, 28, or 29.

2-13. (Cancelled)

14. (Withdrawn) A phage-display library comprising a plurality of recombinant phage that express the modified avian pancreatic polypeptide of claim 1.

15. (Withdrawn) A phage-display library comprising a plurality of recombinant phage that express the modified avian pancreatic polypeptide of claim 1.

16. (Withdrawn) A phage-display library comprising a plurality of recombinant phage that express a protein scaffold modified by substitution of at least one amino acid residue, said at least one residue being exposed on the polypeptide when the polypeptide is in a tertiary form.

17. (Withdrawn) The phage-display library of claim 16, wherein said protein scaffold comprises the avian pancreatic polypeptide.

18. (Withdrawn) A phage selected from the library of claim 16 or 17.

19. (Cancelled)

20. (Withdrawn) A nucleic acid encoding any one of the polypeptide s in claim 19.
21. (Withdrawn) A method of preparing a miniprotein that modulates the interaction between a known protein and another molecule, comprising the steps of:
- (a) identifying at least one amino acid residue contributes to the binding between a known protein and another molecule; and
 - (b) modifying an avian pancreatic polypeptide by substitution of said at least one amino acid residue, such that it is exposed on the alpha helix domain of the polypeptide when the polypeptide is in a tertiary form.
22. (Withdrawn) A method of identifying a miniprotein that modulates the interaction between a known protein and another molecule, comprising the step of isolating at least one recombinant phage clone from the phage display library of claim 16 that displays a protein scaffold that modulates the association between a known protein and another molecule.
23. (Cancelled)
24. (Previously Presented) The modified polypeptide of claim 1, wherein the modified avian pancreatic polypeptide binds to Bcl-X_L protein.
25. (Previously Presented) The modified polypeptide of claim 1, wherein the modified avian pancreatic polypeptide binds to Bcl2 protein.
- 26-28. (Cancelled)
29. (Currently Amended) The modified polypeptide of claim 1, wherein the ~~modified avian pancreatic polypeptide comprises amino acid sequence~~ substitution is SEQ ID NO: 25.
- 30-31. (Cancelled)

32. (New) The avian pancreatic polypeptide of claim 1, wherein the substitution is SEQ ID NO: 23.

33. (New) The avian pancreatic polypeptide of claim 1, wherein the substitution is SEQ ID NO: 24.

34. (New) The avian pancreatic polypeptide of claim 1, wherein the substitution is SEQ ID NO: 26.

35. (New) The avian pancreatic polypeptide of claim 1, wherein the substitution is SEQ ID NO: 27.

36. (New) The avian pancreatic polypeptide of claim 1, wherein the substitution is SEQ ID NO: 28.

37. (New) The avian pancreatic polypeptide of claim 1, wherein the substitution is SEQ ID NO: 29.